REMARKS/ARGUMENTS

1. Objection to the drawings:

The drawings are objected to under 37 CFR 1.83(a). The drawings must show every feature of the invention specified in the claims. Therefore, "the laser beam of the first wavelength and the laser beam of the second wavelength are emitted from an optical pick-up head"; "the first predetermined signal is an S-curve or an RF level signal"; and "the second predetermined signal is an S-curve or an RF level signal" must e shown or the feature(s) canceled from the claim(s). No new matter should be entered.

Response:

Upon reviewing the drawings, the applicant has noted that the limitation of "the laser beam of the first wavelength and the laser beam of the second wavelength are emitted from an optical pick-up head" is illustrated in the block diagram of Figure 2 and in the flowchart shown in Figure 5. Steps 200 and 230 of Figure 5 state that a laser beam of two different wavelengths are used.

In addition, Figure 4 illustrates that S-curves are created when the laser beams of the first and second wavelengths are emitted. Steps 210 and 240 of Figure 5 also states that the S-curves are used.

In view of the above, the applicant submits that the drawings do show the claimed features, and acceptance of the drawings is respectfully requested.

2. Amendments to the claims:

Claims 6, 7, 9, and 10 have been amended to correct informalities and typographical errors included in the original claims. No new matter has been added,

and no significant changes have been made.

3. Rejection of claims 1-10 under 35 U.S.C. 102(e):

Claims 1-10 are rejected under 35 U.S.C. 102(e) as being anticipated by Chen et al. (US 2005/0058036).

Response:

Claims 1 and 6 each specify that laser beams of first and second wavelengths are used for generating first and second predetermined signals, which are used for determining whether a disk is inserted into an optical disk drive. However, Chen does not teach the use of first and second wavelengths being emitted on a disk. Chen only teaches that a light beam emitted from a light source 101 is emitted on an optical disk. A reflected light beam will create a single S-curve (Fig. 2A) or two S-curves (Fig. 2B) depending on whether the inserted disk is single-layer or dual-layer.

Chen does not teach emitting a laser beam of a first wavelength for generating a first predetermined signal and emitting a laser beam of a second wavelength for generating a second predetermined signal. Therefore, Chen does not anticipate all of the limitations of claims 1 and 6, and claims 1 and 6 should be patentable over the cited prior art.

Claims 2-5 and 7-10 are dependent on claims 1 and 6, and should be allowed if claims 1 and 6 are allowed. Reconsideration of claims 1-10 is respectfully requested.

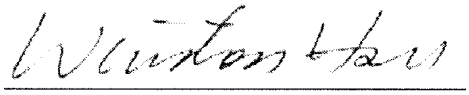
4. Introduction to new claims 11 and 12:

New claims 11 and 12 are drafted to further limit independent claims 1 and 6. Each of these new claims specifies "the first wavelength and the second wavelength

are not equal". Since Chen does not teach that laser beams of two different wavelengths are emitted for generating first and second predetermined signals, claims 11 and 12 are patentable over the cited prior art. Consideration of new claims 11 and 12 is respectfully requested.

Applicant respectfully requests that a timely Notice of Allowance be issued in this case.

Sincerely yours,



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Winston Hsu, Patent Agent No. 41,526
P.O. BOX 506, Merrifield, VA 22116, U.S.A.
Voice Mail: 302-729-1562
Facsimile: 806-498-6673
e-mail : winstonhsu@naipo.com

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